

Appendix Table D-6.
Tire-Derived Gas Composition

		Mole %
Hydrogen	H—d2 ⁺	19.87%
Nitrogen	N—d2 ⁺	3.65%
Oxygen	O—d2 ⁺	0.71%
Carbon monoxide	CO	3.27%
Carbon dioxide	CO—d2 ⁺	5.24%
Methane	CH—d4	35.70%
Ethylene	C—d2 ⁺ H—d ⁺	9.69%
Ethane	C—d2 ⁺ H—d ⁺	8.61%
Propylene	C—d3 ⁺ H—d ⁺	5.34%
Propane	C—d3 ⁺ H—d ⁺	1.81%
Isobutylene	C—d4 ⁺ H—d ⁺	4.26%
Trans-butene	C—d4 ⁺ H—d ⁺	0.40%
Cis-butene	C—d4 ⁺ H—d ⁺	0.29%
Butane	C—d4 ⁺ H—d ⁺	0.66%
Isobutane	C—d4 ⁺ H—d ⁺	0.23%
1,3 Butadiene		0.33%
Total (a)		100.07%

(a) Source reports Total as 100.07%; column

Source: [4-8]